PTO/SB/05 (06-03)
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UTILITY PATENT APPLICATION TRANSMITTAL

Attomey Docket No.		PF343P1D1			
First Inventor G		Guo	-Liang Yu		
Title	NEUT	ROKI	NE-α		
Expres	ss Mail La	bel No			

(Only for new nonprovisional applications under 37 (ss Mail Label No.					
APPLICATION ELEMEN See MPEP chapter 600 concerning utility patent a	ADDRESS TO: MS Patent Application Commissioner for Patents P.O. Box 1450						
1. X Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee production or fee production o	Alexandria, VA 22313-1450 7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. X Paper c. Statements verifying identity of above copies ACCOMPANYING APPLICATIONS PARTS 9. X Assignment Papers (cover sheet & document(s)) 10. 37 CFR 3.73(b) Statement Power of (when there is an assignee) 11. English Translation Document (if applicable) 12. Information Disclosure Statement (IDS)/PTO-1449 Citations 13. Preliminary Amendment 14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. Other: Serial No. Postcard; Request Under 37 CFR 1.821(e)						
For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.							
	19. CORRESPO	NDENCE ADDRESS					
X Customer Number:		22195	OR	Correspondence address be	elow		
Name							
Address							
City	State		Zip Code				
Country	Telephone		Fax	(
Name (Print/Type) Michele Shann		Registration No. (A	ttomey/Agent)	47,075			
Signature Michele	Shannor		Date	December 16, 2003			

CCC TO A NORMITTAL		Complete if Known						
FEE TRANSMITTAL	Application Number				er I	Not Yet Assigned		
for EV 2004	Filing Date (Concurrently Herewith				
for FY 2004	First Named Inventor (Guo-Liang Yu				
Effective 10/01/2003, Patent fees are subject to annual revision.					lot Yet Assigned			
Applicant claims small entity status. See 37 CFR 1.27	ľ					N/A		
TOTAL AMOUNT OF PAYMENT (\$) 1,082.00		Attorney Docket No. PF343P1D1						
METHOD OF PAYMENT (check all that apply)				FEE	CALCUL	ATION (cor	ntinued)	
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X Deposit Account:	Large	Entity	Small	Entity				
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Number	Code	(\$)	Code	(\$)		1 00 0030	прион	Fee Paid
Deposit Account Human Genome Sciences, Inc.	1051	130	2051	65	Surcharge -	- late filing fee	or oath	
Name The Director is authorized to: (check all that apply)	1052	50	2052	25	Surcharge - sheet.	- late provisio	nal filing fee or cover	
	1053	130	1053			. anaelfieation		
Charge any additional fee(s) during the pendency of this					•	English specification		
application	1812	2,520	1812	2,520	-	ing a request for ex parte reexamination esting publication of SIR prior to		
Charge fee(s) indicated below, except for the filing fee	1804	920*	1804	920*	Examiner ad	ction	•	
to the above-identified deposit account.	1805	1,840*	1805	1,840*	Requesting Examiner as	publication of	f SIR after	
FEE CALCULATION	1251	110	2251	55	Extension fo	or reply within		
1. BASIC FILING FEE	1252	420	2252				second month	
Large Entity Small Entity	1253	950	2253	475	Extension fo	or reply within	third month	
Fee Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	1254	1,480	2254	740	Extension fo	or reply within	fourth month	
1001 770 2001 385 Utility filing fee 770.00	1255	2,010	2255	1,005	Extension for	or reply within	fifth month	
1002 340 2002 170 Design filing fee	1401	330	2401		Notice of Ap	*		
1003 530 2003 265 Plant filing fee	1402	330	2402		_	f in support of	an appear	
1004 770 2004 385 Reissue filing fee 1005 160 2005 80 Provisional filing fee	1403 1451	290 1,510	2403 1451		•	oral hearing	ic use proceeding	
	1452	110	2452	55		evive – unavo	-	\vdash
SUBTOTAL (1) (\$) 770.00	1453	1,330	2453	665		n to revive - unintentional		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,330	2501	665	Utility issue	fee (or reissu	ie)	
Extra Fee from Claims below Fee Paid	1502	480	2502	240	Design issu	e fee		
Total Claims 23 -20** = 3 x 18.00 = 54.00	1503	640	2503	320	Plant issue	fee		
Independent 6 -3** = 3 x 86.00 = 258.00	1460	130	1460	130	Petitions to	ons to the Commissioner		
Multiple Dependent =	1807	50	1807	50	Processing	ssing fee under 37 CFR 1.17(q)		
Large Entity Small Entity	1806	180	1806	180	Submission	of Informatio	n Disclosure Stmt	
Fee Fee Fee Code (\$) Fee Description	8021	40	8021	40		each patent as nes number o	ssignment per	
1202 18 2202 9 Claims in excess of 20	1809	770	2809	385	Filing a sub	mission after	final rejection	
1201 86 2201 43 Independent claims in excess of 3			1		(37 CFR 1.1 For each ad	129(a)) Iditional inver	tion to be	\vdash
1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	385	examined (3	37CFR 1.129	(b))	
1204 86 2204 43 ** Reissue independent claims over original patent	1801	770	2801	385	•	Continued E expedited ex	xamination (RCE)	\vdash
1205 18 2205 9 ** Reissue claims in excess of 20	1802	900	1802	900	of a design		anmauon	
and over original patent	Other	fee (spe	cify)					
SUBTOTAL (2) (\$) 312.00	*Redi	uced by I	Basic F	iling Fee	Paid	SUBTO	AL (3) (\$)	
**or number previously paid, if greater; For Reissues, see above								
SUBMITTED BY						T 1	(if applicable))	
Name (Print/Type) Michele Shannon	(Attorn	ration No ey/Agent		,075		Telephone	(240) 314-4400), x2372
Signature Michels Sucanon						Date	December 16,	2003